

Converting Colors

YIQ(195.9980, 28.7040,
-13.6000)

Have a look what the booklet for
YIQ(195.9980, 28.7040, -13.6000)
contains.

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Color

**YIQ(195.9980, 28.7040,
-13.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C58D
RGB	215, 197, 141
RGB Percent	84%, 77%, 55%
CMY	0.1569, 0.2275, 0.4469
CMYK	0.00, 0.08, 0.34, 0.16
HSL	45°, 48%, 70%
HSV	45°, 34%, 84%
XYZ	52.8001, 56.3007, 33.2992
YIQ	195.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

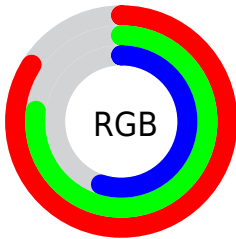
Format	Color
RYB	165, 215, 141
Decimal	14140813
CIELab	79.78, -1.84, 30.40
CIELCh	80, 30.454, 93.462
Yxy	56.3007, 0.3708, 0.3954
Android (android.graphics.Color)	4292330893 (0xFFD7C58D)
YUV	195.9980, -27.1140, 16.6648
Hunter-Lab	75.0338, -5.7013, 26.2114

Details

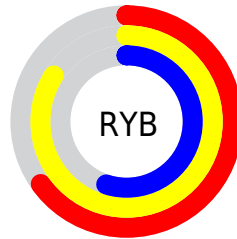
The YIQ color **195.9980, 28.7040, -13.6000** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160.0020, -28.7040, 13.6000**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.5730, 19.5350, -18.1370**, and **141.7420, 26.5490, -13.0910** is the 20% darker color. If you saturate the color by 10%, you get **190.6690, 36.8200, -17.5160**, and if you desaturate by 10%, it is **201.4410, 20.2670, -9.3730**.

Distribution



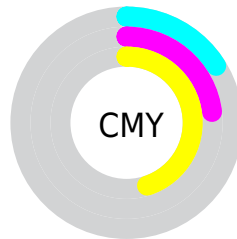
- Red (84%)
- Green (77%)
- Blue (55%)



- Red (65%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9980, 28.7040, -13.6000 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 195.9980, 28.7040, -13.6000 by changing the saturation by 10% instead.

■ 195.9980, 28.7040,
-13.6000

■ 195.9980, 28.7040,
-13.6000

255.0000, -0.0000,
-0.0000

■ 168.8130, 27.7870,
-13.5010

■ 247.5730, 19.5350,
-18.1370

■ 141.7420, 26.5490,
-13.0910

■ 251.3520, 10.2720,
-9.9520

■ 116.2580, 25.0360,
-13.2040

■ 254.6580, 0.9630,
-0.9330

■ 91.1870, 23.7980,
-12.7940

■ 67.5890, 22.6060,
-13.2180

■ 45.2190, 20.7720,
-13.0200

■ 25.7160, 12.2430,

-7.1250

■ 0.0000, 0.0000,
0.0000

■ 195.9980, 28.7040,
-13.6000

■ 195.9980, 28.7040,
-13.6000

■ 190.6690, 36.8200,
-17.5160

■ 201.4410, 20.2670,
-9.3730

■ 185.2260, 45.2570,
-21.7430

■ 206.7700, 12.1510,
-5.4570

■ 179.3100, 53.6480,
-25.1360

■ 212.8000, 3.4390,
-1.7530

■ 173.8670, 62.0850,
-29.3630

■ 218.1290, -4.6770,
2.1630

■ 168.5380, 70.2010,
-33.2790

■ 223.5720,
-13.1140, 6.3900

■ 163.0950, 78.6380,
-37.5060

■ 227.1910,
-16.4150, 5.6410

■ 159.9660, 83.3150,
-39.6690

■ 230.7130,
-18.0650, 2.5030

■ 233.6480,
-19.4400, -0.1120

■ 236.5830,
-20.8150, -2.7270

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.4010, 44.1070, -0.8930



195.9980, 28.7040, -13.6000



192.4510, 5.1390, -21.5570

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195.9980, 28.7040, -13.6000



183.6250, -65.3320, -16.4360



202.6460, 19.5730, 25.2450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



195.9980, 28.7040, -13.6000



160.0020, -28.7040, 13.6000

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.4670, -7.8440, 21.0200



195.9980, 28.7040, -13.6000



188.9390, -59.9240, -4.3080

Square

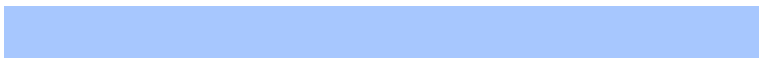
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195.9980, 28.7040, -13.6000



185.1950, -49.7420, -23.6460



195.7020, -36.7270, 10.3210



201.7760, 39.5180, 21.7100

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.9980, 28.7040, -13.6000



190.2900, -13.5210, -24.7930



195.7020, -36.7270, 10.3210



202.0410, 11.0910, 24.7790

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



195.9980, 28.7040, -13.6000



248.6280, 9.6750, -4.6370



165.2920, 38.0050, 21.5970



123.8280, 6.2360, -2.8840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.9980, 28.7040, -13.6000



228.3550, 40.5800, -19.5800



201.1820, 13.0260, -26.8300



103.9850, 4.3560, -1.8520



126.8520, 66.4410, -31.2150



32.2280, 16.5530, -8.1430

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



160.0020, -28.7040, 13.6000



177.2320, -40.8550, 19.0570



155.1170, -12.4300, 27.0420



99.0150, -4.3560, 1.8520



44.1480, -66.4410, 31.2150



11.3590, -16.8280, 7.6200

Previews

White Background



This preview shows how the YIQ color 195.9980, 28.7040, -13.6000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 195.9980, 28.7040, -13.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

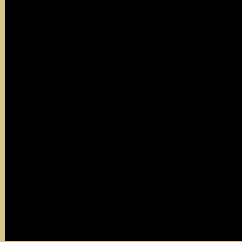
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 195.9980, 28.7040, -13.6000

Background



This preview shows how black text looks on a background with the YIQ color 195.9980, 28.7040, -13.6000.



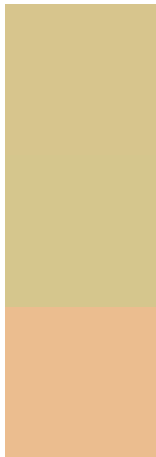
This preview shows how white text looks on a background with the YIQ color 195.9980, 28.7040,

-13.6000.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

195.9980, 28.7040, -13.6000

Protanopia

195.9870, 27.2370, -14.5470

Deuteranopia

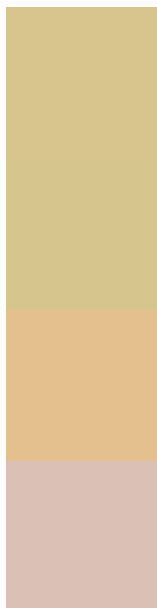
197.5100, 42.1820, -4.5540



Tritanopia

200.5770, 14.8530, 11.6610

Trichromacy



Original Color

195.9980, 28.7040, -13.6000

Protanomaly

196.2860, 27.8330, -14.3350

Deuteranomaly

197.0640, 37.5060, -7.9180

Tritanomaly

198.8190, 19.6230, 2.3030

Monochromacy



Original Color

195.9980, 28.7040, -13.6000

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8130, 10.5920, -4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9980, 28.7040, -13.6000 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 197, 141)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 197, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 141) }
```

Border

The CSS property to change the border of an element to YIQ 195.9980, 28.7040, -13.6000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 197, 141) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 197, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 197, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 141);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9980, 28.7040, -13.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
197, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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